

### **ABSTRACT OF THE DISCLOSURE**

An apparatus for displacing a movable platen (50) in orthogonal first and second directions within a fixed plane of a surface (62). The movable platen is suspended from a stationary housing (80). A first actuator (40) provides  
5 a first linear displacement along the first direction and a second actuator (40) provides a second linear displacement along the second direction. A lever member (70) is pivoted at a flexure element (62) and is coupled to the stationary housing (80). The position of the flexure element along the lever member defines a working arm (58) of the lever member between the flexure element and the  
10 movable platen and an effort arm (76) of the lever member between the flexure element and point of contact of the actuator. The travel distance of the movable platen relative to the first linear displacement of the first actuator is proportional to the ratio of the length of the working arm to the length of the effort arm.